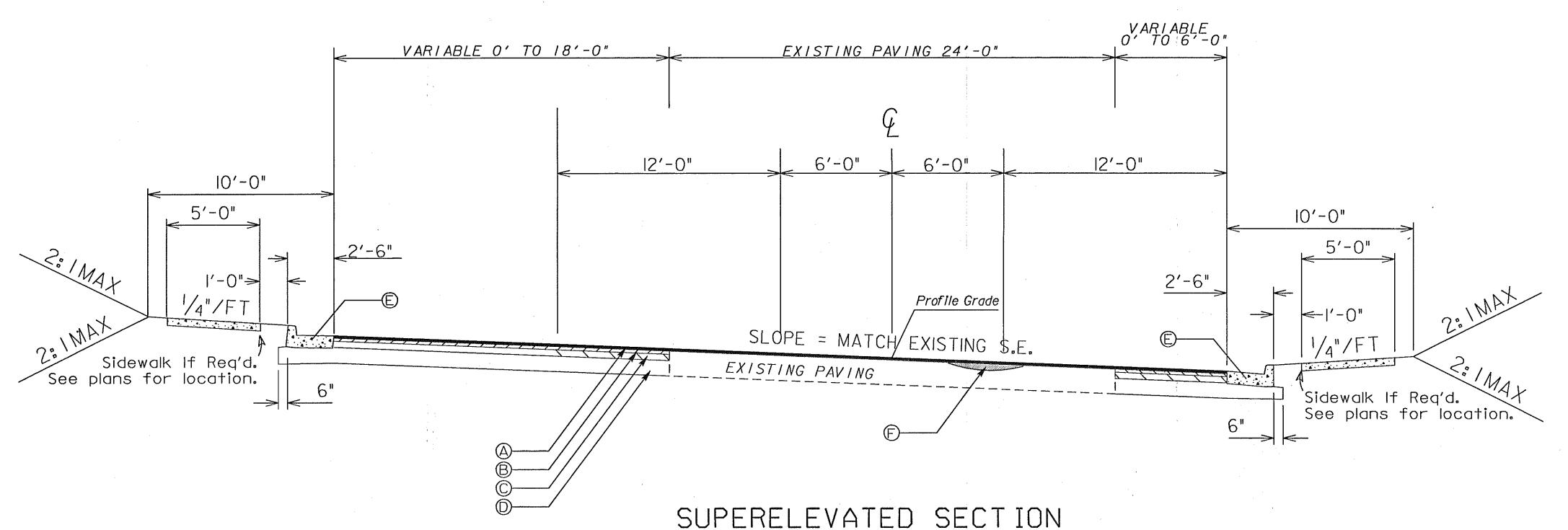
TYPICAL GRADING AND PAVING SECTION FOR S.R. 154

STATE	PROJECT NUMBER		TOTAL SHEETS
GA.	STP-1060(7) COWETA	5	67



ALLOWABLE RANGES TABLE

FOR THIS PROJECT, CROSS SLOPES THAT ARE ADJUSTED TO "BEST FIT"
EXISTING PAVEMENT SLOPES ARE SUBJECT TO THE FOLLOWING LIMITS:

A. NORMAL CROWN

SECTION WITH GRADES O. 5% OR GREATER	SECTION WITH GRADES LESS THAN 0.5%		
O. 0150 FT/FT - MINIMUM	O. 0156 FT/FT - MINIMUM		
0.0208 FT/FT - DESIRABLE	0.0208 FT/FT - DESIRABLE		
O. 0250 FT/FT - MAXIMUM	O. O3OO FT/FT - MAXIMUM		

B. SUPERELEVATION RATE

S.E. RATE SHOWN ON PLANS OR SE RATE EXISTING IN FIELD, WHICHEVER IS GREATER.

C. SUPERELEVATION TRANSITION LENGTH (LENGTH FROM FLAT POINT TO FULL SE)

RATE OF CHANGE CORRESPONDING DIFFERENCE IN GRADE BETWEEN PIVOT POINT AND EDGE OF PAVEMENT

6/6/2008 8.23.17 AM.\\GDOT-DSNI\GOPLOT\OCE\Road Design Tiff-18x12 to Tiff-36x24 acf asanford Y.\343495-\Construction\343495 0005 tif GO-RDI4

MINIMUM DESIRABLE MAXIMUM

 1:150
 0.67%

 1:200
 0.50%

 1:300
 0.33%

LENGTH SHALL BE SET TO AVOID CREATING A FLAT GUTTER GRADE ON LOW SIDE AND TO AVOID FLAT CROSS SLOPES AT OR NEAR THE LOW POINT OF VERTICAL CURVES.

D. POSITIONING OF SUPERELEVATION TRANSITION LENGTH ON SIMPLE CURVES

50% OF TRANSITION INSIDE CURVE - MAXIMUM
33% OF TRANSITION INSIDE CURVE - DESIRABLE
20% OF TRANSITION INSIDE CURVE - MINIMUM

NOTE: CROWN WIPE-OUT SHALL BE AT THE SAME RATE AS THE SE TRANSITION.

E. SMOOTHING OF BREAKS IN EDGE PROFILE AT BEGIN AND END OF TRANSITION SHALL BE ACCOMPLISHED BY VERTICAL CURVE WITH A MINIMUM LENGTH (IN FEET) EQUAL TO THE SPEED DESIGN (IN MPH).

APPLIES TO STA. 22+07.20 TO STA. 26+52.26

SUPERPAVE DESIGN LEVEL "B"

REQUIRED PAVEMENT

- (A) ASPH. CONC. 9.5 mm SUPERPAVE MIX (165 lbs/yd)
- B ASPH. CONC. 19 mm SUPERPAVE MIX (220 lbs/yd2)
- © ASPH. CONC. 25 mm SUPERPAVE MIX (330 lbs/yd²)
- D GRADED AGGREGATE BASE 10"
- E) CONC. CURB AND GUTTER TP. 2
- (E) ASPHALT CONC. LEVELING, AS REQ'D

NOTE: REMOVE ALL EXISTING CURB AND GUTTER.
PAYMENT WILL FALL UNDER GRADING COMPLETE.

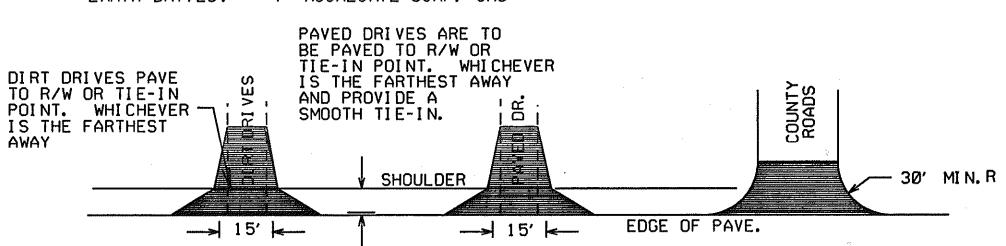
ASPHATIC DRIVES: ASPH. CONC. 12.5 mm SUPERPAVE MIX, DESIGN LEVEL B (165 LBS./SO. YD)
4" GRADED AGGR. BASE

COUNTY ROADS:

ASPH. CONC. 12.5 mm SUPERPAVE MIX. DESIGN LEVEL B (165 LBS./SO. YD)
ASPH. CONC. 19 mm SUPERPAVE MIX. DESIGN LEVEL B (220 LBS./SO. YD)
6" GRADED AGGR. BASE

CONCRETE DRIVES: 4" DRIVEWAY CONC.

EARTH DRIVES: 4" AGGREGATE SURF. CRS



SLOPE	CON	TROLS
SLOPE	CUT	FILL
4:1	0-6′	0-10'
3:1	6′-10′	\

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